

2-009.01 SANTA CLARA VALLEY - NILES CONE

Basin Boundaries

Summary

The Niles Cones groundwater subbasin is a portion of the Santa Clara Valley groundwater gasin in California. The northern boundary of the subbasin is the statutory boundary of the Alameda County Water District (ACWD). The eastern boundary is the Diablo Mountain Range. The southern boundary is Coyote Creek and Santa Clara County. The western boundary is the San Francisco Bay. The boundary is defined by 6 segments detailed in the descriptions below.

Segment Descriptions

<u>Segment Label</u>	<u>Segment Type</u>	<u>Description</u>	<u>Ref</u>
1-2	^I Water Agency	Begins from point (1) and follows the Alameda County Water District Statutory boundary to point (2).	{a}
2-3	^I Water Agency	Begins from point (1) and follows the Alameda County Water District Statutory boundary to point (2).	{a}
3-4	^E Alluvial	Continues from point (2) and follows the contact of Alluvium with various marine sedimentary rocks to point (3).	{b}
4-5	^I County	Continues from point (3) and follows the Alameda and Santa Clara County Boundary to point (4).	{c}
5-6	^I Stream	Continues from point (4) and follows Coyote Creek to point (5).	{d}
6-7	^E Ocean	Continues from point (5) and follows the San Francisco Bay to point (6).	{d}
7-1	^E Water Agency	Continues from point (6) and follows the Alameda County Water District Statutory boundary to the end at point (1).	{a}

Significant Coordinates

<u>Point</u>	<u>Latitude</u>	<u>Longitude</u>	
1	37.649387754	-122.155370502	
2	37.617682554	-122.101084144	
3	37.611327957	-122.02363347	
4	37.470391831	-121.889169705	
5	37.453950119	-121.924732232	
6	37.466631797	-121.997018393	
7	37.581516338	-122.143414204	

Map

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<https://sgma.water.ca.gov/webgis/?appid=160718113212&subbasinid=2-009.01>

References

Ref	Citation	Pub Date	Global ID
{a}	California Department of Water Resources (DWR), Water Agencies Dataset.URL: https://gis.water.ca.gov/app/bbat/	2016	48
{b}	California Geological Survey (CGS), Regional Geologic Map No. 5A, San Francisco-San Jose Quadrangle, 1:250,000, D.L. Wagner, E.J. Bortugno, and R.D. McJunkin.URL: http://www.quake.ca.gov/gmaps/RGM/sfsj/sfsj.html	1991	8
{c}	California Department of Forestry and Fire Protection (Cal Fire), California Counties and Paired Dataset (cnty15_1).URL: http://frap.fire.ca.gov/data/frapgisdata-subset	2/14/15	2
{d}	United States Geological Survey (USGS), National Hydrography Dataset, Flowline Dataset for California, note: Coordinated effort among the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS), the United States Geological Survey (USGS), and the Environmental Protection Agency (EPA).URL: http://nhd.usgs.gov/data.html	2/1/2016	1

Footnotes

- I: Internal
- E: External